



## PATENT ABSTRACTS OF JAPAN

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(54) **METHOD FOR CONTROLLING  
TRANSMISSION POWER, RECEPTION  
METHOD, MOBILE COMMUNICATION  
SYSTEM AND MOBILE TERMINAL**

## (57) Abstract:

PROBLEM TO BE SOLVED: To provide a communication service which enables to make an effective use of outgoing signals that are transmitted from a mobile station when a propagation environment of incoming signals is unavailable.

SOLUTION: A base station selection circuit 22 selects a base station that transmits the outgoing signal of the best receiving quality during soft handover, and circuit 22 informs the base station ID of the station to make only that station transmit user data. A weight decision circuit of outgoing signals 23 estimates a base station that is probable to transmit user data. A command decision circuit of outgoing TPC 25 judges if transmitting power of the base station is enough and indicates

the base station of the by using outgoing signals from the base station that is probable to transmit user data. A data demodulation circuit 27 demodulates the user data by using the outgoing signals from the base station that is probable to transmit the data.

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